

**Improvements in or relating to electrical circuits including semi-conductor devices**

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**Inventor:**  
**Applicant:** SIEMENS AG  
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**Abstract of GB748799**

748,799. Semi-conductor devices; resistance networks. SIEMENS -SCHUCKERTWERKE AKT.-GES. Nov. 26, 1953 [Nov. 27, 1952], No. 32860/53. Addition to 719,873. Class 37. An electric circuit comprising elements having a positive temperature coefficient of resistance, includes a compensating semi-conductor device comprising an AIII BV compound which has a negative temperature coefficient. As described in the parent Specification, the term AIII BV refers to the third and fifth groups of the periodic table and consists of the compounds formed by combining any of the group boron, aluminium, gallium or indium with any of the group nitrogen, phosphorus, arsenic or anti-mony. Reference is made to the high carrier mobility of these compounds.

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